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1 **Field trial of an ASON in the metropolitan area**
Richter, A.; Fischler, W.; Buchwieser, A.; Buchberger, T.; Stilling, B.; Lankl, B
Optical Fiber Communication Conference and Exhibit, 2002. OFC 2002 , 17-22 March 2002
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[Abstract] [PDF Full-Text (358 KB)] IEEE CNF

2 **Performance evaluation of dynamic OVPN in OBS architecture from prospective view of ASON**
Peng Zuo; Feng wen; Yiheng Lin; Qing Xue; Jian Wu; Jintong Lin;
Communication Technology Proceedings, 2003. ICCT 2003. International Conference on , Volume: 1 , 9-11 April 2003
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Cavazzoni, C.; Barosco, V.; D'Alessandro, A.; Manzalini, A.; Milani, S.; Ricucci Morro, R.; Geerdsen, R.; Hartmer, U.; Lehr, G.; Pauluhn, U.; Wevering, S.; Pendarakis, D.; Wauters, N.; Gigantino, R.; Vasseur, J.P.; Shimano, K.; Mona Salvioni, A.;
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[Abstract] [PDF Full-Text (1337 KB)] IEEE JNL

9 **Architecture and functional requirements of control planes for autor switched optical networks: experience of the IST project LION**
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10 **Bandwidth trading - a business case for ASON?**
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11 **Generic architecture for a management system of automatic switch transport networks**
Hartmer, U.; Geerdsen, R.; Lehr, G.; Manzalini, A.; Ricucci, G.;
Network Operations and Management Symposium, 2002. NOMS 2002. 2002 IEEE/IFIP , 15-19 April 2002
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12 **Wavelength routing based on physical impairments**
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Optical Fiber Communication Conference and Exhibit, 2001. OFC 2001 , Volum 2 , 2001
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[Abstract] [PDF Full-Text (300 KB)] IEEE CNF

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15 **Novel routing algorithm for transparent optical networks based on noise figure and amplifier saturation**
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Pages:919 - 923 vol.2

[Abstract] [PDF Full-Text (394 KB)] IEEE CNF

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16 **Some open issues in the optical networks control plane**
Sole-Pareta, J.; Masip-Bruin, X.; Sanchez-Lopez, S.; Spadaro, S.; Careglio, D.
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[Abstract] [PDF Full-Text (476 KB)] **IEEE CNF**

17 **Design of a network level management information model for automatically switched transport networks**
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18 **Optimal wavelength allocation and flow assignment in multiwavele optical networks**
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Communications, Computers and signal Processing, 2001. PACRIM. 2001 IEEE Pacific Rim Conference on , Volume: 2 , 26-28 Aug. 2001
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[Abstract] [PDF Full-Text (320 KB)] **IEEE CNF**

19 **Optimal wavelength allocation and flow assignment for optical networks for profit maximization**
Kabranov, O.; Makrakis, D.; Charalambous, C.D.; Ionescu, D.; von Bochmann
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Pages:182 - 187 vol.2

[Abstract] [PDF Full-Text (525 KB)] IEEE CNF

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1 Towards the principled design of software engineering diagrams
Corin Gurr, Konstantinos Tourlas
June 2000 **Proceedings of the 22nd international conference on Software engineering**

Full text available: pdf(220.05 KB) Additional Information: full citation, abstract, references, citings, index terms

Diagrammatic specification, modelling and programming languages are increasingly prevalent in software engineering and, it is often claimed, provide natural representations which permit of intuitive reasoning. A desirable goal of software engineering is the rigorous justification of such reasoning, yet many formal accounts of diagrammatic languages confuse or destroy any natural reading of the diagrams. Hence they cannot be said to be intuitive. The answer, we feel, is to examine seriously ...

Keywords: diagrammatic languages, programmable logic controllers, software diagrams

2 Deploying expert systems in Ada
S. D. Lee, B. Allen
January 1989 **Proceedings of the conference on Tri-Ada '89: Ada technology in context: application, development, and deployment**

Full text available: pdf(853.04 KB) Additional Information: full citation, abstract, references, citings, index terms

As the Department of Defense Ada mandate begins to be enforced actively, interest in deploying expert systems in Ada has increased. This paper introduces a prototype Ada-based expert system tool called ART/Ada. This prototype was built to support research into the language and operational issues of expert systems in Ada. ART/Ada allows applications of a conventional expert system tool called ART-IM (Automated Reasoning Tool for Information Management) to be deployed in various Ada environme ...

3 Experiments in designing computational economies for mobile users
Tracy Mullen, Jack Breese
October 1998 **Proceedings of the first international conference on Information and computation economies**

Full text available: pdf(1.11 MB) Additional Information: full citation, references, index terms

4 Proceedings of a conference on Decision Support Systems, Santa Clara, California, January 24-26, 1977: A DSS for diagnosis and therapy
Randall Davis
January 1977 **ACM SIGMIS Database**, Volume 8 Issue 3

Full text available: pdf(1.17 MB) Additional Information: full citation, abstract, references

This paper reviews an approach to the design and construction of a decision support system intended to function as a consultant on the question of diagnosis and therapy selection. It describes the system in terms of the nature of the decision problem involved, discusses factors which make the problem difficult and considers the design goals that have led to the construction of a system with several novel capabilities. Many of those capabilities result from representing domain-specific knowledge ...

5 Where did you put it? Issues in the design and use of a group memory
Lucy M. Berlin, Robin Jeffries, Vicki L. O'Day, Andreas Paepcke, Cathleen Wharton
May 1993 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available: pdf(1.07 MB) Additional Information: full citation, abstract, references, citings, index terms

Collaborating teams of knowledge workers need a common repository in which to share information gathered by individuals or developed by the team. This is difficult to achieve in practice, because individual information access strategies break down with group information—people can generally find things that are on their own messy desks and file systems, but not on other people's. The design challenge in a group memory is thus to enable low-effort informatio ...

Keywords: collaborative work, group conventions, group memory, information search and retrieval, information sharing

6 Papers: Disambiguation by prioritized circumscription
Ken Satoh
August 1996 **Proceedings of the 16th conference on Computational linguistics - Volume 2**

Full text available: pdf(539.93 KB) Additional Information: full citation, abstract, references

This paper presents a method of resolving ambiguity by using a variant of circumscription, *prioritized circumscription*. In a disambiguation task, human seems to use various preferences which have various strength. In prioritized circumscription, we can express these preferences as defeasible constraints with various strength and we infer the most preferable logical models which satisfy stronger constraints as much as possible. This representation is very natural for disambiguation since w ...

7 Papers: Message Understanding Conference-6: a brief history
Ralph Grishman, Beth Sundheim
August 1996 **Proceedings of the 16th conference on Computational linguistics - Volume 1**

Full text available: pdf(578.20 KB) Additional Information: full citation, abstract, citings

We have recently completed the sixth in a series of "Message Understanding Conferences" which are designed to promote and evaluate research in information extraction. MUC-6 introduced several innovations over prior MUCs, most notably in the range of different tasks for which evaluations were conducted. We describe some of the motivations for the new format and briefly discuss some of the results of the evaluations.

8

Generation: Planning argumentative texts
Xiaorong Huang
August 1994 **Proceedings of the 15th conference on Computational linguistics - Volume 1**
Full text available: pdf(418.34 KB) Additional Information: full citation, abstract, references

This paper presents *PROVERB* a text planner for argumentative texts. *PROVERB's* main feature is that it combines global hierarchical planning and unplanned organization of text with respect to local derivation relations in a complementary way. The former splits the task of presenting a particular proof into subtasks of presenting subproofs. The latter simulates how the next intermediate conclusion to be presented is chosen under the guidance of the local focus.

9 Why computational grammarians can be skeptical about existing linguastic theories
Karen Jensen
August 1988 **Proceedings of the 12th conference on Computational linguistics - Volume 2**
Full text available: pdf(244.63 KB) Additional Information: full citation

10 Total or selected content analysis
Julius Laffal
September 1969 **Proceedings of the 1969 conference on Computational linguistics**
Full text available: pdf(828.79 KB) Additional Information: full citation, references

11 Student session: The effect of pitch accenting on pronoun referent resolution
Janet Cahn
June 1995 **Proceedings of the 33rd conference on Association for Computational Linguistics**
Full text available: pdf(303.19 KB) Publisher Site Additional Information: full citation, abstract, references, citings

By strictest interpretation, theories of both centering and intonational meaning fail to predict the existence of pitch accented pronominals. Yet they occur felicitously in spoken discourse. To explain this, I emphasize the dual functions served by pitch accents, as markers of both propositional (semantic/pragmatic) and attentional salience. This distinction underlies my proposals about the attentional consequences of pitch accents when applied to pronominals, in particular, that while most pitc ...

12 Session III: Problem solving applied to language generation
Douglas E. Appelt
June 1980 **Proceedings of the 18th conference on Association for Computational Linguistics**
Full text available: pdf(424.41 KB) Publisher Site Additional Information: full citation, abstract, references, citings

This research was supported at SRI International by the Defense Advanced Research Projects Agency under contract N00039--79--C--0118 with the Naval Electronic Systems Command. The views and conclusions contained in this document are those of the author and should not be interpreted as representative of the official policies either expressed or implied of the Defense Advanced Research Projects Agency, or the U. S. Government. The author is grateful to Barbara Grosz, Gary Hendrix and Terry Winogra ...

13 Computers & society courses: Reading list for computing, organizations, society
Rob Kling
September 1982 **ACM SIGCAS Computers and Society**, Volume 12 Issue 4
Full text available: pdf(233.08 KB) Additional Information: full citation

14 Error checking, tracing, and dumping in an ALGOL 68 checkout compiler
C. M. Thomson
July 1977 **ACM SIGPLAN Notices**, Volume 12 Issue 7
Full text available: pdf(585.29 KB) Additional Information: full citation, abstract, references

A case is stated for the need for error checking, tracing, and dumping. Consideration is given to the types of errors which must be checked for. Examples are given which demonstrate the need that all these errors be checked at run time in ALGOL 68. Tracing and dumping are discussed, with emphasis on those aspects of ALGOL 68 which make them difficult. Some possible solutions to these problems are offered. An outline of the facilities provided in the FLASC system is given.

Keywords: ALGOL 68, checkout compilers, debugging, dumping, error checking, error detection, student compilers, tracing

15 Interactive type analysis and extended message splitting; optimizing dynamically-typed object-oriented programs
Craig Chambers, David Ungar
June 1990 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1990 conference on Programming language design and implementation**, Volume 25 Issue 6
Full text available: pdf(1.58 MB) Additional Information: full citation, abstract, references, citings, index terms

Object-oriented languages have suffered from poor performance caused by frequent and slow dynamically-bound procedure calls. The best way to speed up a procedure call is to compile it out, but dynamic binding of object-oriented procedure calls without static receiver type information precludes inlining. Iterative type analysis and extended message splitting are new compilation techniques that extract much of the necessary type information and make it possib ...

16 Introduction
P. O. Pistilli
January 1964 **Proceedings of the SHARE design automation workshop**
Full text available: pdf(148.29 KB) Additional Information: full citation, index terms

17 The principle of sufficient reason: A guide to language design for parallel processing.
Dennis P. Geller, Gerald M. Weinberg
January 1975 **ACM SIGPLAN Notices , Proceedings of the conference on Programming languages and compilers for parallel and vector machines**, Volume 10 Issue 3
Full text available: pdf(465.23 KB) Additional Information: full citation, abstract, citings, index terms

To a large extent, the design of languages for parallel processing machines seems to be a problem merely because of the historical precedence of von Neumann machines. We have grown up professionally in a serial computing environment, so that many of the habits we have acquired are related to that seriality and yet are so deeply ingrained thay we do not recognize seriality as the reason for doing them. Instead they seem like 'natural' laws,

sometimes so 'natural' that we don't even notice th ...

Keywords: Control structures, Languages, Parallel serial

18 Distributed allocation with pools of servers

Gregory R. Andrews, David P. Dobkin, Peter J. Downey

August 1982 **Proceedings of the first ACM SIGACT-SIGOPS symposium on Principles of distributed computing**

Full text available: pdf(1.14 MB) Additional Information: full citation, abstract, references, citings, index terms

Distributed systems make possible both a high degree of concurrency and robustness in the face of failure. One approach to achieving these goals is to employ pools of servers implementing major system functions. This paper describes the concept of pools of servers, and presents logically distributed, robust algorithms for one problem arising in this approach: the allocation of servers to clients. Three types of allocation problems are identified: free servers, preferred servers, and retenti ...

19 A study of file sizes and functional lifetimes

M. Satyanarayanan

December 1981 **Proceedings of the eighth ACM symposium on Operating systems principles**

Full text available: pdf(843.70 KB) Additional Information: full citation, abstract, references, citings, index terms

The performance of a file system depends strongly on the characteristics of the files stored in it. This paper discusses the collection, analysis and interpretation of data pertaining to files in the computing environment of the Computer Science Department at Carnegie-Mellon University (CMU-CSD). The information gathered from this work will be used in a variety of ways: 1. As a data point in the body of information available on file systems. 2. As input to a simulation ...

20 Programming without pointer variables

Richard B. Kieburtz

February 1973 **ACM SIGPLAN Notices , Proceedings of the 1976 conference on Data : Abstraction, definition and structure**, Volume 8 Issue 2

Full text available: pdf(1.27 MB) Additional Information: full citation, abstract, references, citings, index terms

The presence of pointer variables in high level programming languages constitutes an artifact originally introduced to support the representation of recursive data structures. Programming practice has come to rely on pointer variables for their originally intended use, and for several others as well. Their use adds to the complexity of stating algorithms by forcing one to conceptualize data representations in which storage addressing is made manifest. In addition, the use of pointer variabl ...

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